

PDM



# HIGHVAC CORPORATION

*PDM Series  
Dry Screw Vacuum Pumps*

**Energy Saving - Process Rated**

*Powered by*  

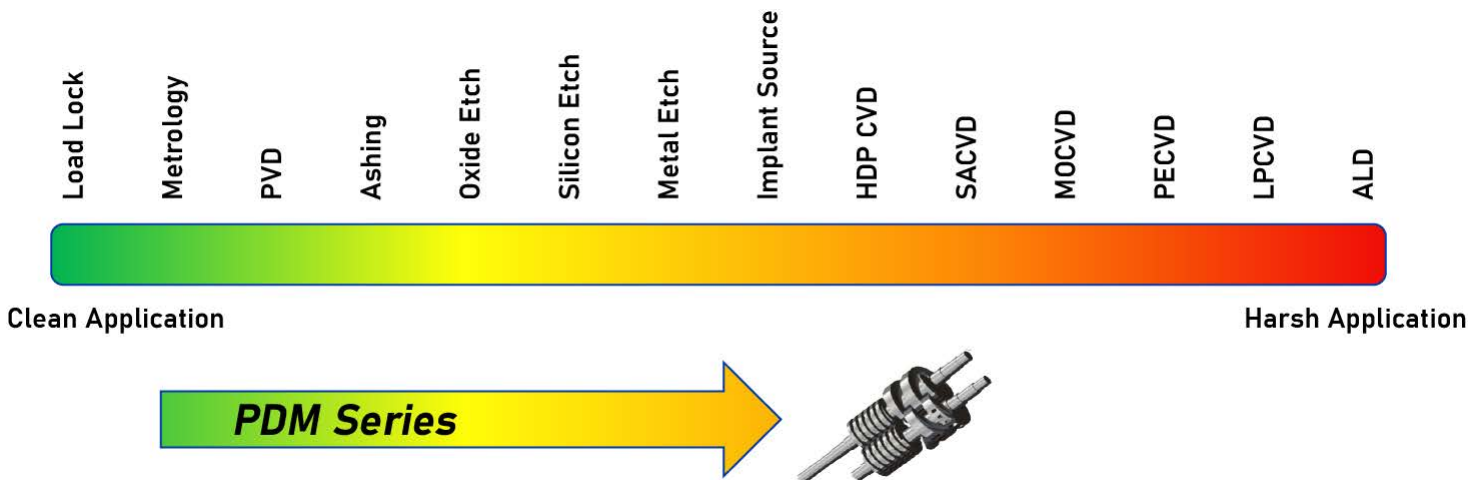
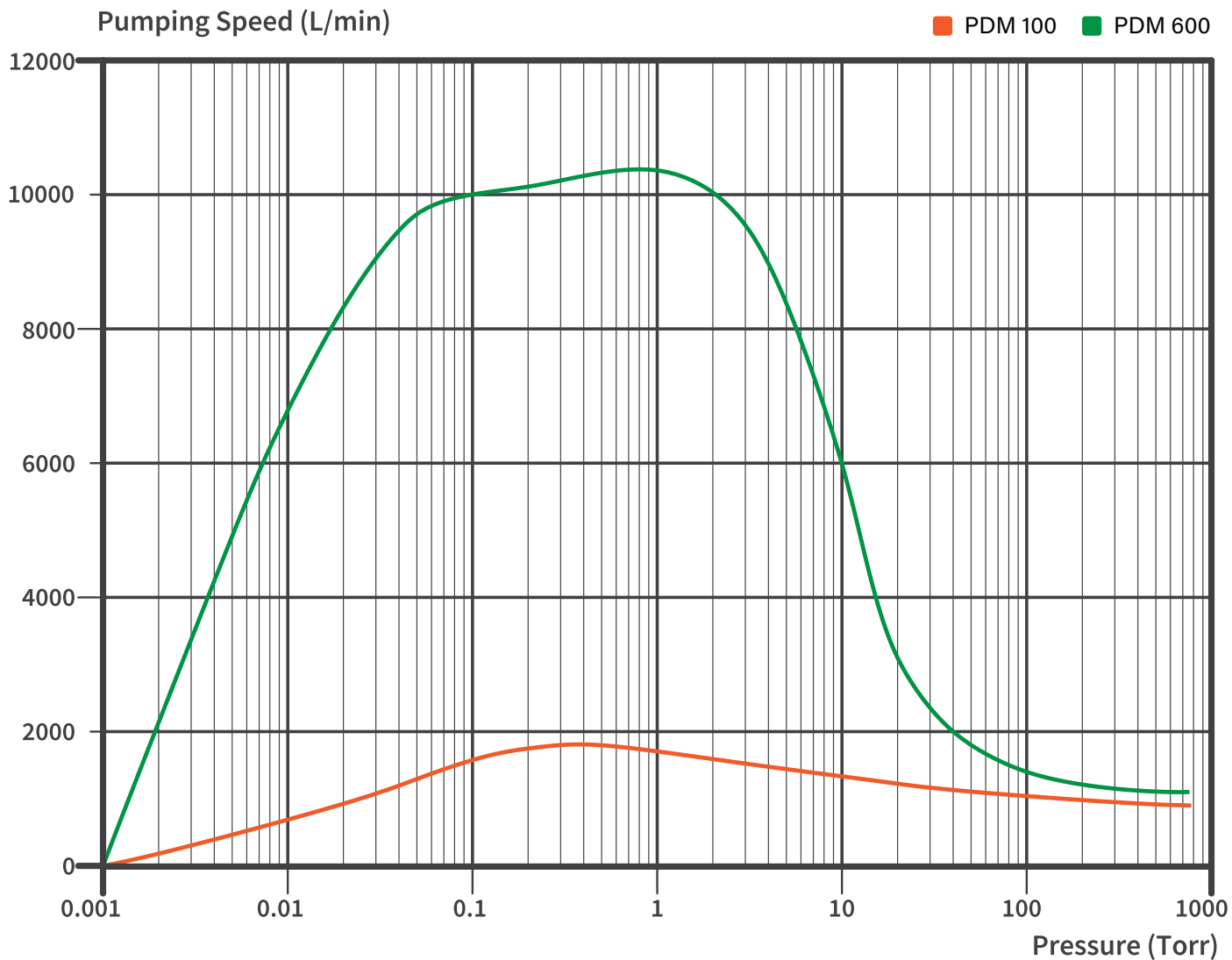

# Reduced Power Dry Screw Pump

Hanbell Vacuum Technology has adopted their proven dry screw vacuum technology into the PDM series semiconductor rated pumps designed for light to medium duty applications. The PDM series pumps feature the latest in controls with the up-to-date SEMI E73 interface standard. Other features that enhance the capabilities of these pumps include:

- Power saving VFDs
- Water cooled motor
- Idle mode (green mode)
- Advanced temperature control capability
- Process rated N<sub>2</sub> dilution capability
- Compact size
- Oil lubricated bearings deliver long life without scheduled rebuild

Hanbell pumps provide both increased lifecycle and decreased cost of ownership. These factors combined with a highly competitive lead time make Hanbell an excellent choice. With strong factory support from Hanbell, Highvac delivers a combination of excellent service and exceptional quality to the North American market.

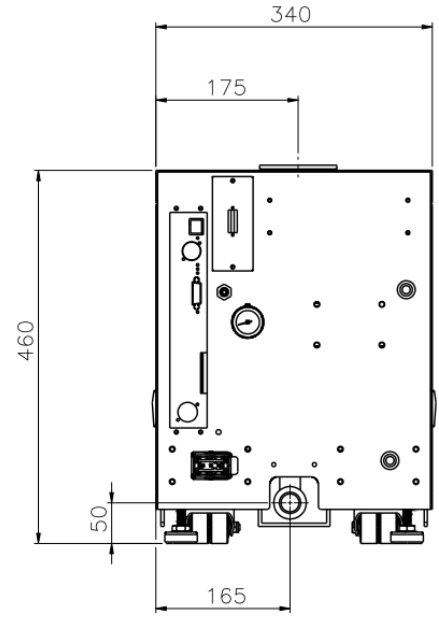
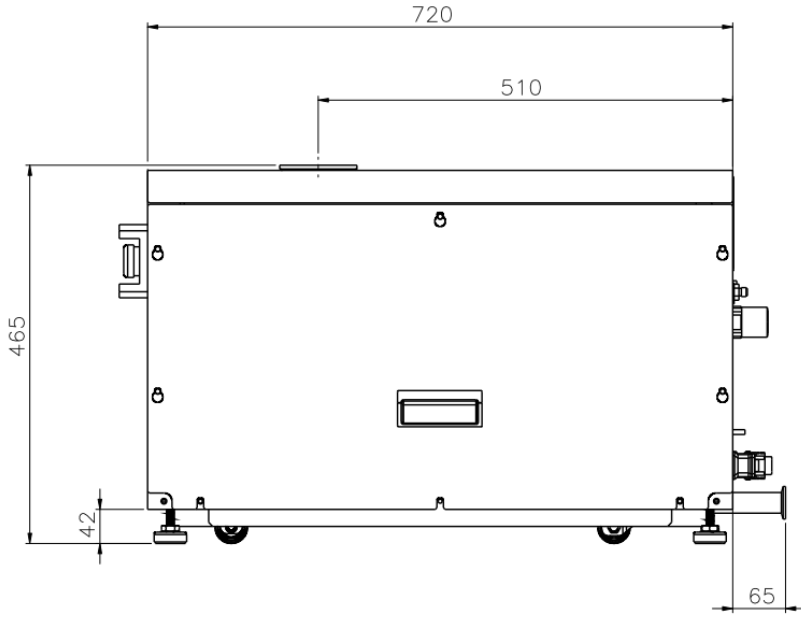
PDM Series Technical Specifications				
Model		Unit	PDM100	PDM600
Pumping Speed		m <sup>3</sup> /hr	100	600
		cfm	58.8	353
Ultimate Pressure		Torr	≤ 1x10 <sup>-2</sup>	≤ 1x10 <sup>-3</sup>
Motor	Voltage	V	220/380	
	Rated Power	kW	2.2	2.2+2.2
Power at Ultimate Pressure		kW	1	1.2
Connection		Inlet	ISO63	ISO80/100
		Outlet	NW40	
Cooling Water	Min. Flow	l/min	1.8	2
	Temp	°C	15-25	
N2 Purge Gas Supply		SLM	12-30	
Dimension	LxWxH	inches	28.4x13.4x18.3	8.4x13.4x27.6
		mm	720x340x465	720x340x700
Weight		lbs	331	441
		kg	150	200
Noise		dB(A)	<70	



# PDM 100

Dimensions are in mm

PDM



# PDM 600

Dimensions are in mm

